

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"10598460"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 07:39
S2	5	palay steven.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 07:40
S3	254	rodgers james.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 07:40
S4	6671	345/173-178.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 08:00
S5	2936	178/18.01-18.11,20.01-20.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 08:00
S6	11	US-4786765-\$.DID. OR US-4848496-\$.DID. OR US-6020849-\$.DID. OR US-6005555-\$.DID. OR US-5856639-\$.DID. OR US-5706000-\$.DID. OR US-5679930-\$.DID. OR US-5661269-\$.DID. OR US-5693914-\$.DID. OR US-6556190-\$.DID. OR US-5028745-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 08:01

S7	3017	position\$3 near3 (detect \$3 or resolv\$3) with (touch\$1pad or touch \$1panel or touch pad or touch panel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 08:34
S11	63	S7 and (pulse near2 width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 08:35
S12	4114	position\$3 near3 (detect \$3 or resolv\$3 or sens \$3) with (touch\$1pad or touch\$1panel or touch pad or touch panel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 08:43
S13	4926	position\$3 near3 (detect \$3 or resolv\$3 or sens \$3) with (touch\$1pad or touch\$1panel or touch pad or touch panel or digitizer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 08:44
S14	4926	position\$3 near3 (detect \$3 or resolv\$3 or sens \$3) with (touch\$1pad or touch\$1panel or touch pad or touch panel or digitizer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 11:51
S15	159	S14 and (pulse near2 width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 11:51
S16	73	S14 and (pulse near2 width near2 (encod\$3 or modulat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 11:56
S17	933	(pulse near2 width near2 encod\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 12:00

S18	6671	345/173-178.ccls	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 12:00
S19	2936	178/18.01-18.11,20.01-20.04.ccls	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 12:00
S20	2	S17 and (S18 or S19)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 12:00
S21	11	US-4786765-\$.DID. OR US-4848496-\$.DID. OR US-6020849-\$.DID. OR US-6005555-\$.DID. OR US-5856639-\$.DID. OR US-5706000-\$.DID. OR US-5679930-\$.DID. OR US-5661269-\$.DID. OR US-5693914-\$.DID. OR US-6556190-\$.DID. OR US-5028745-\$.DID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/06 12:17
S22	3	S21 and (pulse near3 width)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 12:17
S24	15324	(second or multiple or plural\$3) with (resonan \$2 near2 circuit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 14:11
S25	70	S24 and (S18 or S19)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 14:11
S28	141	S24 with transducer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 14:26

S29	9111	(second or multiple or plural\$3) near5 (resonan\$2 near2 circuit\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 14:27
S30	75	S29 with transducer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 14:27
S31	3	S21 and command	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 15:49
S32	3	S21 and (id or identify or identification)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/06 15:51
S39	1	updat\$3 near3 encrypt\$3 near3 (pen or stylus or input device or transducer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 07:49
S42	2601	345/179.ccls. or 178/19.01-19.07.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 08:47
S43	72035	resonan\$3 near2 circuit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 08:48
S44	130	S42 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 08:48

S45	4926	(second or multiple or plural\$3) adj3 resonan\$3 near2 circuit\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 08:54
S46	19	S45 and S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 08:54
S47	16823	pulse code modulation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 09:21
S48	6680	345/173-178.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 09:22
S49	2937	178/18.01-18.11,20.01-20.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 09:22
S50	16	S47 and (S42 or S48 or S49)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 09:22
S51	11	US-4786765-\$.D.ID. OR US-4848496-\$.D.ID. OR US-6020849-\$.D.ID. OR US-6005555-\$.D.ID. OR US-5856639-\$.D.ID. OR US-5706000-\$.D.ID. OR US-5679930-\$.D.ID. OR US-5661269-\$.D.ID. OR US-5693914-\$.D.ID. OR US-6556190-\$.D.ID. OR US-5028745-\$.D.ID.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 09:50
S53	8	S51 and oscillat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/07/07 09:50

S54	1	"20010006383"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:01
S55	121	S42 and encrypt\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:09
S56	2	S42 and (updat\$3 with encrypt\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:09
S57	1153	(updat\$3 with encrypt \$3 near2 data)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:12
S58	241	S57 and (pen or stylus or input device)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:12
S59	7	S57 same (pen or stylus or input device)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:13
S60	1	S57 same transducer	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:21
S61	15614	(data near3 encrypt\$3) with (transmit\$4 or transmission)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:48
S62	275	S61 with updat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/07/07 10:49
S63	1609	transducer same (receiv \$3 with electromagnetic) same transmi\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/11 16:04
S64	7489	345/173-178.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/11 16:05
S65	3057	178/18.01-18.11,20.01- 20.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/11 16:05
S66	7	S63 and (S64 or S65)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/11 16:05
S68	29	("4999461"   "5138118"   "5247138"   "5308936"   "5349139"   "5369227"   "5373118"   "5408055"   "5414226").PN. OR ("5600105").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 13:00

S69	766	resonan\$2 near5 (power near2 transmi \$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 14:36
S70	7495	345/173-178.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/12 14:36
S71	3059	178/18.01-18.11,20.01- 20.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/12 14:36
S72	7	S69 and (S70 or S71)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 14:36
S73	9	(power near2 transmi \$5) with (resonant near2 inductive)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 15:13
S74	5	(transmi\$5 near2 coil) with (resonant near2 inductive)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 15:14
S75	43	(pen or stylus or input device) same ((dc near2 power) with (stor\$3 or memory))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 15:33
S76	5969	(pen or stylus or transducer) same ((energy or power) with (stor\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 15:39
S77	118	S76 and (S70 or S71)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/12 15:39
S78	3595	178/18.01-20.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/12 15:40
S79	8965	345/173-179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/12 15:40
S80	182	S76 and (S78 or S79)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/12 15:41

S81	32	resonant inductive near3 coil	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 13:25
S82	803	inductive near3 coil near3 transmi\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 13:38
S83	3595	178/18.01-20.04.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/13 13:38
S84	8965	345/173-179.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/01/13 13:38
S85	2	S82 and (S83 or S84)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 13:38
S86	1	"11294378"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/13 14:36
S87	90	(US-20080150917-\$ or US-20080158165-\$ or US-20080150918-\$ or US-20050162411-\$ or US-20040095333-\$ or US-20080149401-\$ or US-20050043918-\$ or US-20050252981-\$ or US-20080156546-\$ or US-20080150916-\$ or US-20080150658-\$ or US-20010055005-\$ or US-20060025897-\$ or US-20040233178-\$ or US-20080129708-\$). did. or (US-5644108-\$ or US-6667740-\$ or US- 5973677-\$ or US- 7019672-\$ or US- 6762752-\$ or US- 5793360-\$ or US- 5714984-\$ or US- 5629500-\$ or US- 5373118-\$ or US- 5369227-\$ or US- 5218174-\$ or US- 4786765-\$ or US- 5136125-\$ or US- 5854881-\$ or US- 5113041-\$ or US- 4868351-\$ or US- 5241286-\$ or US- RE34187-\$ or US-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/03 11:17



		RE33740-\$ or US-5045645-\$ or US-6002387-\$ or US-5571997-\$ or US-5557076-\$ or US-4902858-\$ or US-4878553-\$ or US-4122364-\$.did. or (US-7068262-\$ or US-6175773-\$ or US-5691959-\$ or US-5420379-\$ or US-4672154-\$.did. or (US-20080150917-\$).did.				
S88	1	"10868351"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/03 11:19
S89	42	"4902858"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/03/03 11:28
S91	182	(resonan\$3 near3 coil \$3) same (power near2 (transmit\$4 or transmission) near4 coil \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/08 15:02
S92	13420	345/173-179.cds. or 178/18.01-20.04.cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/08 15:45
S93	0	S92 and ((self near2 resonan\$2) same (power near2 (transmit \$4 or transmission) near4 coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/08 15:45
S94	0	S92 and ((self near2 resonan\$2) and (power near2 (transmit\$4 or transmission) near4 coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/08 15:46

S95	2	S92 and ((resonan\$2) with (power near2 (transmit\$4 or transmission) near4 coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/08 15:46
S96	2	S92 and ((resonan\$2) same (power near2 (transmit\$4 or transmission) near4 coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/08 15:47
S97	82	S92 and ((resonan\$2) same ((transmit\$4 or transmission) near4 coil))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/08 15:47
S98	215	(current near4 multipl \$7) and (345/173-179.ccls. or 178/18.01-20.04.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:50
S99	1	(current near4 multipl \$7) same (coil\$3 near4 (transmit\$4 or transmission)) and (345/173-179.ccls. or 178/18.01-20.04.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:51
S100	10	(current near4 multipl \$7) same (coil\$3) and (345/173-179.ccls. or 178/18.01-20.04.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:52
S101	0	(current near4 multipl \$7) same ((transmit\$4 or transmission) near5 power\$3) and (345/173-179.ccls. or 178/18.01-20.04.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/11/09 09:53

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S102	4708	345/173-179.ccls.	USPAT; UPAD	ADJ	ON	2010/11/09 12:59
S103	2719	178/18.01-20.04.ccls.	USPAT; UPAD	ADJ	ON	2010/11/09 12:59

S104	134	((S102 or S103) and ((current\$3 near5 multipl\$7) or (self near3 resonan\$3))	USPAT; UPAD	ADJ	ON	2010/11/09 13:00
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